

*ABSTRACT AMENDMENTS*

Replace the Abstract with:

~~The A distance measuring device in accordance with the present invention comprises, includes light-projecting means a projector for projecting a beam of light onto an object at a distance to be measured, a light-receiving means detector for receiving detecting the part of the beam of light of the reflected light from the object and outputting an output signal therefrom, integration means, an integrator for discharging or charging an integration capacitor corresponding to the output signal to integrate the output signal, AD conversion means an analog-to-digital converter for AD converting the voltage of the integration capacitor after a predetermined number of repeat repetitions of the a distance measuring routine, and detection means a detector for detecting the distance to the object to be measured based on the AD converted conversion signal, wherein the number of repeat repetitions of the distance measuring routine is set saturating to saturate the integration capacitor through the repeat repetition, when the object to be measured is located at a short range alarm position.~~